

J-3 20. (twice amended) An apparatus as recited in claim 17 wherein said movement generator is operable to generate said tactile sensation over the entirety of said housing.

J-4 21. (twice amended) An apparatus as recited in claim 17 further comprising a resilient material, said resilient material configured to enable said delivery of said tactile sensation by storing and releasing energy.

J-5 22. (twice amended) An apparatus as recited in claim 17 wherein said housing comprises a casing portion and a lower portion, wherein said movement generator is operable to generate a motion in said casing portion with respect to said lower portion.

23. (twice amended) An apparatus as recited in claim 22 further comprising a resilient material, said resilient material disposed within said housing between said casing portion and said lower portion.

J-6
Canted 24. (twice amended) An apparatus as recited in claim 17 wherein said movement generator comprises an electromagnetic actuator.

25. (twice amended) An apparatus as recited in claim 17 wherein said movement generator is further operable to deliver said tactile sensation in response to a movement corresponding with graphical details on a graphical display, wherein at least one of said graphical details is a border of a window.

26. (twice amended) An apparatus as recited in claim 17 wherein said movement generator is further operable to deliver said tactile sensation in response to a movement corresponding with graphical details on a graphical display, wherein at least one of said graphical details is an icon.

5-7
27. (twice amended) An apparatus as recited in claim 17 wherein said movement of said housing comprises a vibration of said housing and wherein different graphical details of a graphical display correspond to different vibration frequencies.

28. (twice amended) An apparatus as recited in claim 17 wherein said movement generator is operable to generate a motion of said housing by impacting said housing with a moving portion of said movement generator.

5-8
cmld
29. (twice amended) An apparatus as recited in claim 28 wherein said movement generator configured to impact said housing at a location underneath a top surface of said housing.

5-9
30. (twice amended) An apparatus comprising:
a housing comprising a lower portion and an upper portion, said lower portion designed to move over a flat surface;
a tracking element disposed within said housing for tracking motion of said housing with respect to said flat surface; and
a movement generator disposed within and coupled to said housing configured to generate motion of said housing with respect to said flat surface, and further configured to deliver a tactile sensation through said housing in response to a sensory feedback signal received over a signal channel.

Please amend claim 33 as follows:

5-10
33. (twice amended) An apparatus as recited in claim 30 wherein said motion of said housing comprises a vibration of said housing and wherein said sensory feedback signal is configured to convey a particular vibration frequency by a coding of pulse sequences.

Please amend claims 35 - 41 as follows:

J-11 35. (twice amended) An apparatus as recited in claim 30 further comprising a resilient material, said resilient material configured to enable said bump sensation by storing and releasing energy.

J-12 36. (twice amended) An apparatus as recited in claim 30 wherein said movement generator is operable to generate said motion in an upper portion of said housing with respect to a lower portion of said housing.

J-13 37. (twice amended) An apparatus as recited in claim 36 further comprising a resilient element, said resilient element disposed within said housing between said upper portion and said lower portion.

J-14 38. (twice amended) An apparatus as recited in claim 30 wherein said movement generator comprises an electromagnetic actuator.

J-15 39. (twice amended) An apparatus as recited in claim 30 wherein said movement generator is configured to activate in response to movement corresponding with graphical details on a graphical display, wherein at least one of said graphical details is a border of a window.

40. (twice amended) An apparatus as recited in claim 30 wherein said movement generator is configured to activate in response to movement corresponding with graphical details on a graphical display, wherein at least one of said graphical details is an icon.

J-16 41. (twice amended) An apparatus as recited in claim 30 wherein said motion of said housing comprises a vibration of said housing and wherein different graphical details correspond to different vibration frequencies.

Please amend claims 44 as follows:

J-17 44. (twice amended) A method as recited in claim 43 wherein a movement generator is configured to generate vibrations of varying frequency corresponding to different graphical details on a graphical display.

Please amend claims 47 - 49 as follows:

J-18 47. (twice amended) A method as recited in claim 43 wherein said movement generator is configured to activate in response to movement corresponding with graphical details on a graphical display, wherein at least one of said graphical details is a border of a window.

48. (twice amended) A method as recited in claim 43 wherein said movement generator is configured to activate in response to movement corresponding with graphical details on a graphical display, wherein at least one of said graphical details is an icon.

J-19 49. (twice amended) A method as recited in claim 43 wherein said motion of said casing portion comprises a vibration of said casing portion and wherein different graphical details correspond to different vibration frequencies.

Please amend claim 53 as follows:

J-20 53. (twice amended) A method as recited in claim 43, further comprising:
limiting a movement of said cursor to within a border of a graphical detail on a graphical display; and
releasing said cursor when said casing portion is pressed down with respect to said bottom portion.